

1/9

**SECONDARY SCREENINGS** **Mapping N-terminal/central/C-terminal****ELISA 1-320/73-320**

|               |             |              |              |                |
|---------------|-------------|--------------|--------------|----------------|
| <b>WT</b>     | -           | +            | +            | +              |
| <b>1-320</b>  | -           | -            | -            | +              |
| <b>73-320</b> | -           | -            | -            | +              |
|               | <b>lost</b> | <b>C-ter</b> | <b>N-ter</b> | <b>central</b> |
|               | <b>162</b>  | <b>33</b>    | <b>115</b>   | <b>7</b>       |

 **Selection of N-terminal antibodies****ELISA WT + displacement by peptides 1-40/34-73****77 antibodies displaced by 1-40****27 antibodies displaced by 34-73****11 antibodies not displaced** **Elimination of the IgMs****Isotyping****Figure 1**

2/9

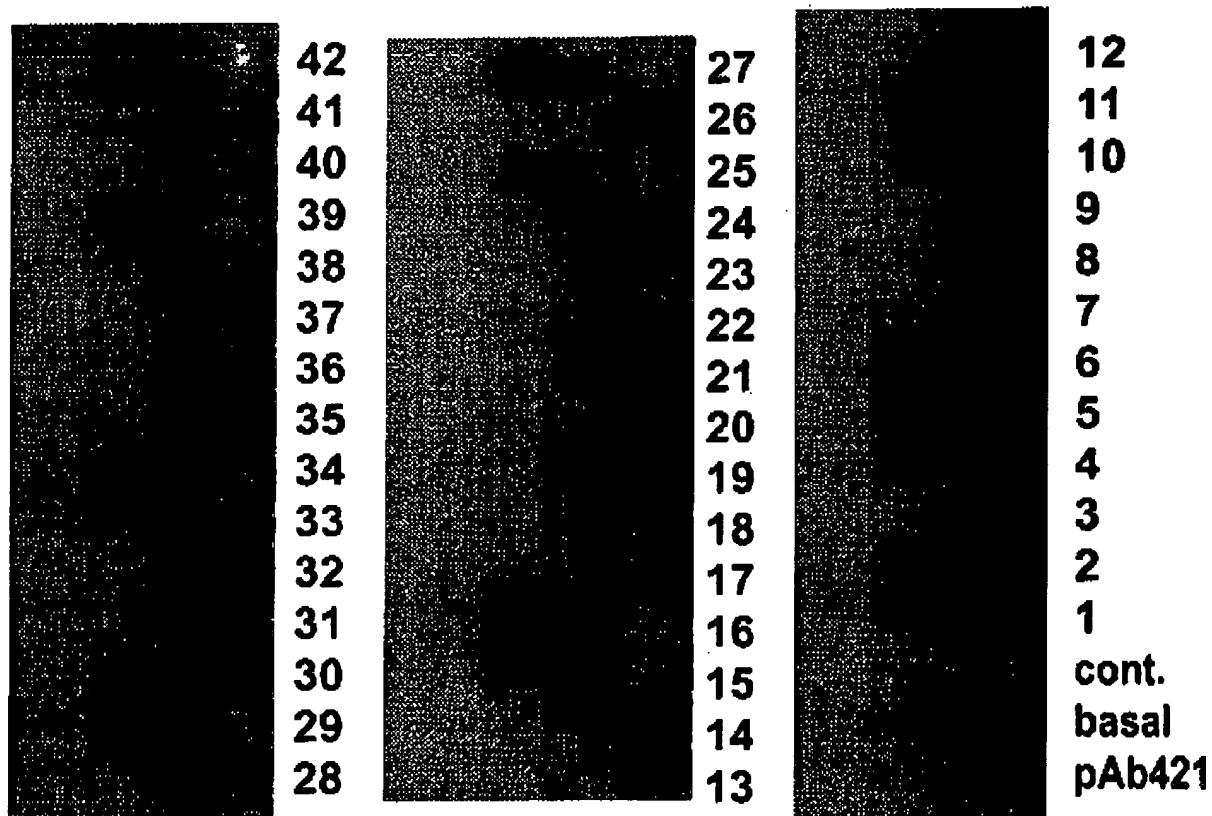


Figure 2

3/9

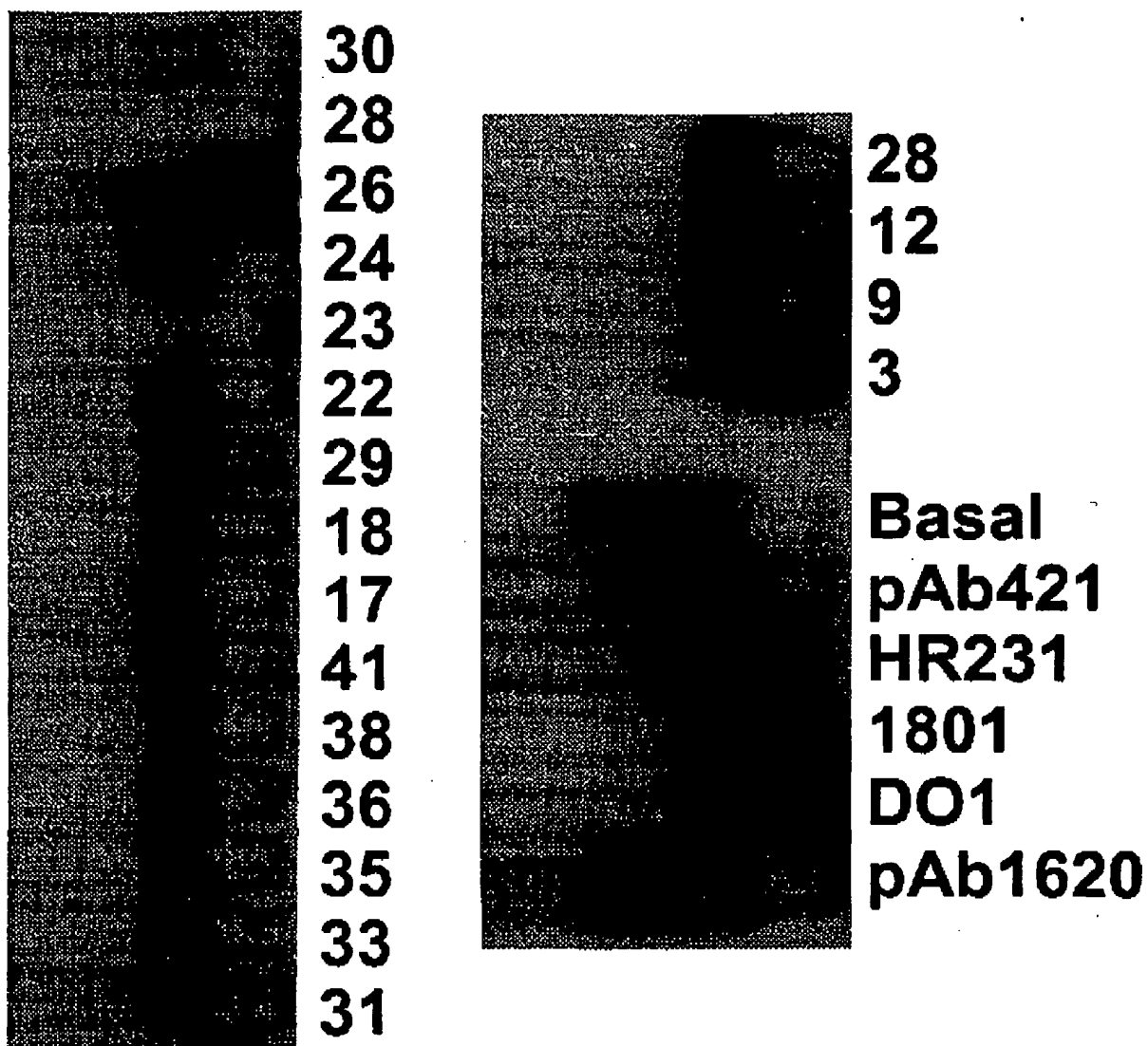


Figure 3

4/9

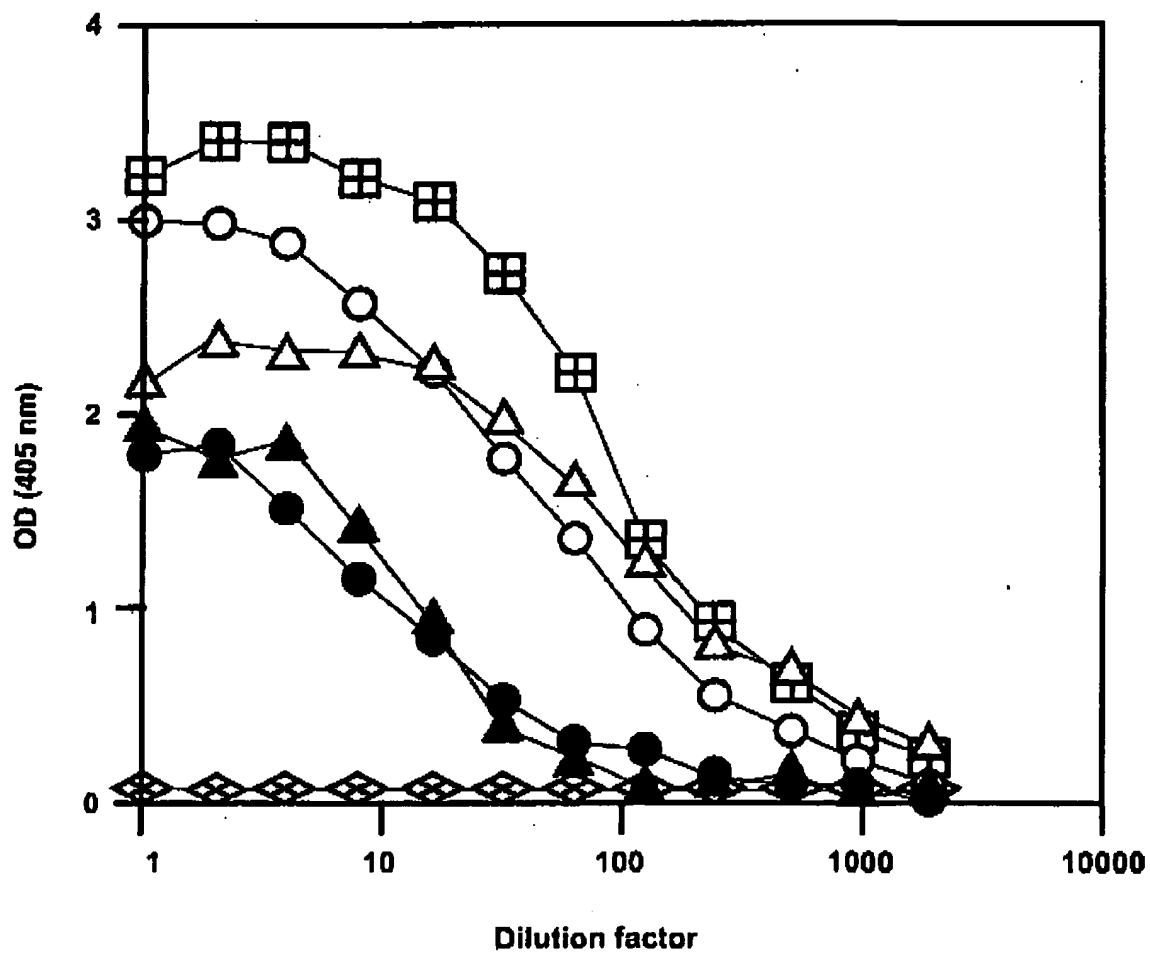
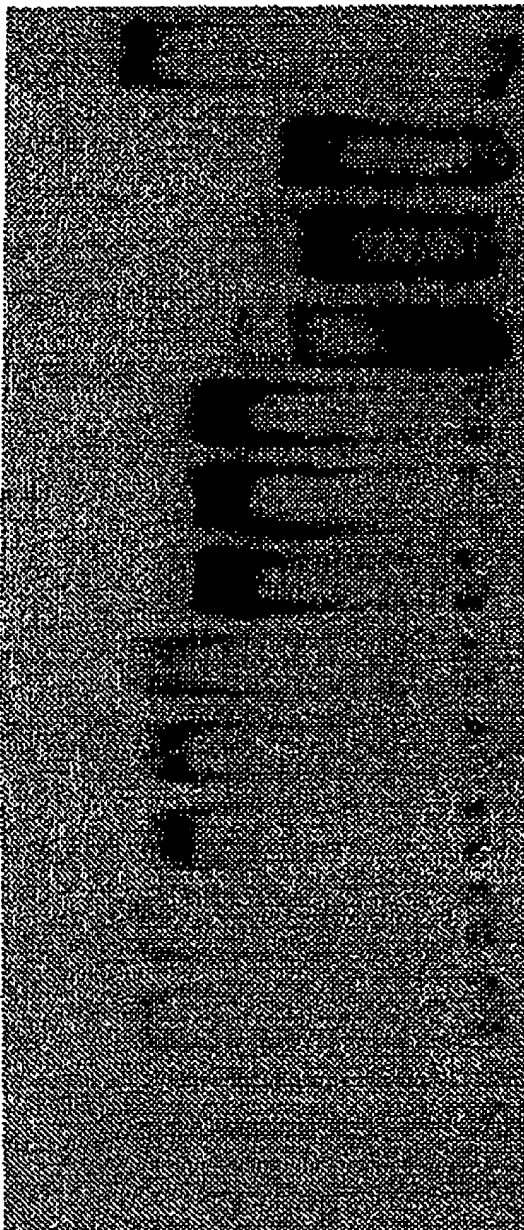


Figure 4

6/9

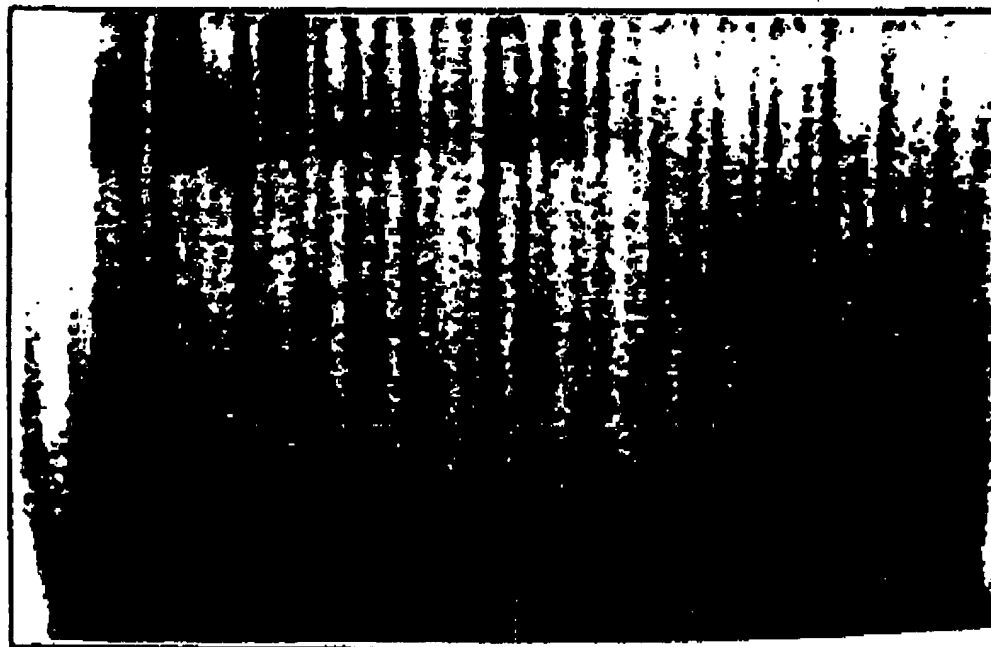


**Basal**  
**+HR231**  
**+pAb421**  
**+11D3**  
**+ScFv421 (2)**  
**+ScFv421 (5)**  
**+ScFv421 (10)**  
**+ScFvD3M (2)**  
**+ScFvD3M (5)**  
**+ScFvD3M (10)**  
**+ScFvY28 (2)**  
**+ScFvY28 (5)**  
**+ScFvY28 (10)**

Figure 5

6/9

p53-DNA-antibody complex



|                                |  |      |
|--------------------------------|--|------|
| p53 Trp248 alone               |  |      |
| p53 Trp248 + PAB421 purified   |  |      |
| p53 Trp248 + HR231 purified    |  |      |
| p53 Trp248 + PAB1801 purified  |  |      |
| p53 Trp248 + PAB421 unpurified |  |      |
| p53 Trp248 +                   |  | 10μl |
| p53 Trp248 + ScFv 1LD3         |  | 5μl  |
| p53 Trp248 +                   |  | 2μl  |
| p53 Trp248 +                   |  | 10μl |
| p53 Trp248 + ScFv 421          |  | 5μl  |
| p53 Trp248 +                   |  | 2μl  |
| p53 Trp248 +                   |  | 10μl |
| p53 Trp248 + ScFv control      |  | 5μl  |
| p53 Trp248 +                   |  | 2μl  |
| p53 Trp248 +                   |  | 10μl |
| p53 Trp248 + periplasmic alone |  | 5μl  |
| p53 Trp248 +                   |  | 2μl  |

Figure 6

7/9

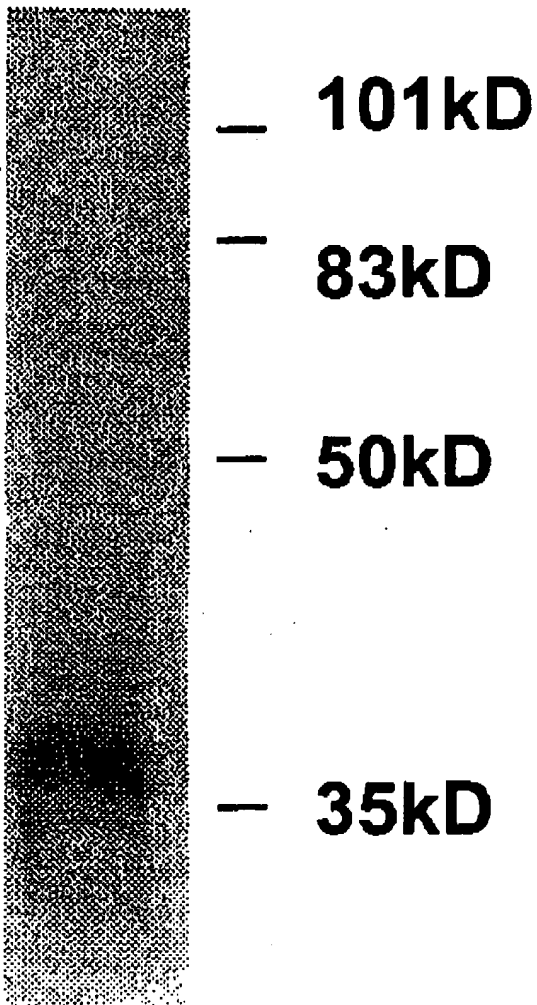


Figure 7

8/9

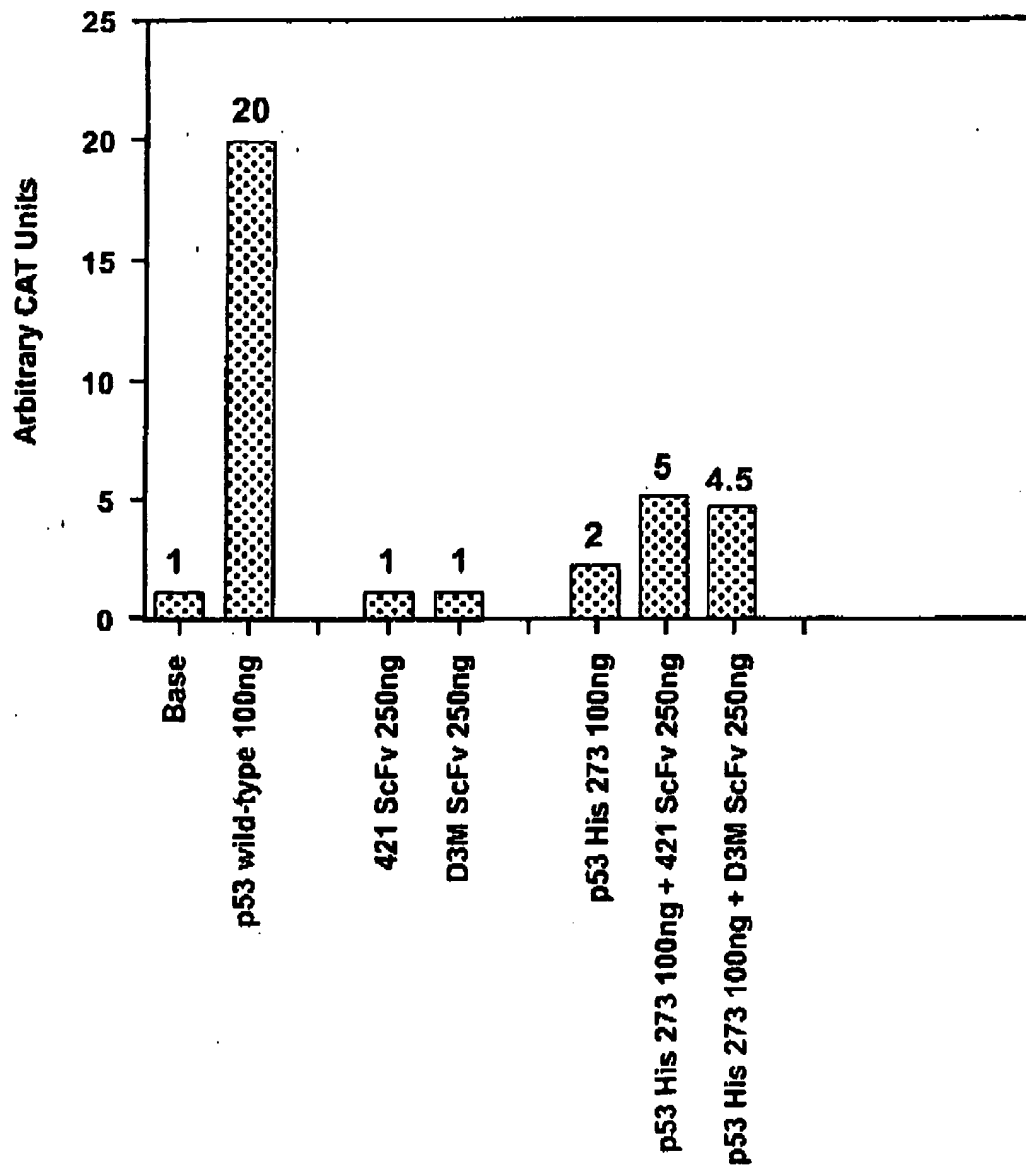


Figure 8



9/9

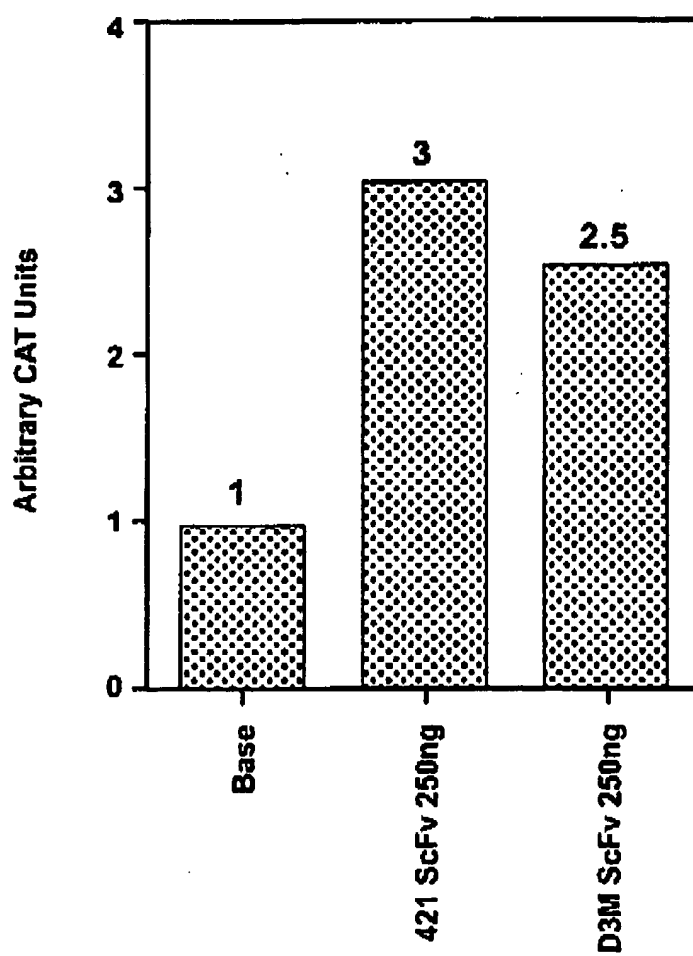


Figure 9